FORM PTO 948 (REV. 11-97)

PTO COPY

U.S. DEPARTMENT OF COMMERCE-Patent and Trademark Office

Application No. (15) 9/3/34

NOTICE OF DRAFTPERSON'S PATENT DRAWING REVIEW

| The drawing filled (insert date) 19/12/97 are: | |
|--|---|
| Anot objected to by the Draftperson under 37 CFR 1.84 or 1 | .152. |
| | 2 as indicated below. The Examiner will require submission of new, corrected |
| drawings whe necessary. Corrected drawings must be submitted according to the | e instructions on the back of this notice. |
| 1. DRAWINGS. 37 CFR 1.84(a): Acceptable categories of drawings: | 7. SECTIONAL VIEWS. 37 CFR 1.84(h)(3) |
| Black ink. Color. | Hatching not indicated for sectional portions of an object. |
| Color drawing are not acceptable until petition is granted. | Fig.(s) |
| Fig.(s) | Sectional designation should be noted with Arabic or |
| Pencil and non black ink is not permitted. Fig(s) | Roman numbers. Fig.(s) |
| 2. PHOTOGRAPHS. 37 CFR 1.84(b) Photographs are not acceptable until petition is granted, | 8. ARRANGEMENT OF VIEWS. 37 CFR 1.84(i) |
| 3 full-tone sets are required. Fig(s) | Words do not appear on a horizontal, left-to-right fashion when page is either upright or turned, so that the top becomes the right |
| Photographs not properly mounted (must brystol board or | side, except for graphs. Fig.(s) |
| photographic double-weight paper). Fig(s) | Views not on the same plane on drawing sheet. Fig.(s) |
| Poor quailty (half-tone). Fig(s) | 9. SCALE. 37 CFR 1.84(k) |
| 3. <u>TYPE OF PAPER</u> . 37 CFR 1.84(e) | Scale not large enough to show mechansim without crowding |
| Paper not-flexible, strong, white and durable. | when drawing is reduced in size to two-thirds in reproduction. |
| Fig.(5) | Fig.(s) |
| Erasures, alterations, overwritings, interlineations, folds, copy machine marks not acceptable, (too thin) | 10. CHARACTER OF LINES, NUMBERS, & LETTERS. 37 CFR 1.84(I) |
| Mylar, vellum paper is not acceptable (too thin). | Lines, numbers & letters not uniformly thick and well defined. |
| | clean, durable and black (poor line quality). |
| Fig(s) | Fig.(s) All |
| 4. SIZE OF PAPER. 37 CFR 1.84(F): Acceptable sizes: | 11. SHADING. 37 CFR 1.S4(m) |
| 21.0 cm by 29.7 cm (DIN size A4) | Solid black areas pale. Fig.(s) |
| 21.6 cm by 27.9 cm (8 1/2 x 11 inches) | Solid black shading not permitted. Fig.(s) |
| All drawings sheets not the same size. | ———— Shade lines, pale, rough and blurred. Fig.(s) |
| Sheet(s) | 12. NUMBERS, LETTERS, & REFERENCE CHARACTERS. |
| 5. MARGINS. 37 CFR 18.4(g): Acceptable margins: | 37 CFR 1.48(p) |
| Top 2.5 cm Left 2.5 cm Right 1.5 cm Bottom 1.0 cm SIZE: A4 Size | Numbers and reference characters not plain and legible. Fig.(s) |
| Top 2.5 cm Left 2.5 cm Right 1.5 cm Bottom 1.0 cm | Figure legends are poor. Fig.(s) |
| SIZE: 8 1/2 x 11 | Numbers and reference characters not oriented in the same |
| Margins not acceptable. Fig(s) | direction as the view. 37 CFR 1.84(p)(3) Fig.(s) |
| Top (T) Left (L) | Engligh alphabet not used. 37 CFR 1.84(p)(3) Fig.(s) |
| Right (R) Bottom (B) | Numbers, letters and reference characters must be at least |
| 6. VIEWS, CFR 1.84(h) REALINDER: Specification may require rayision to | .32 cm (1/8 inch) in height. 37 CFR 1.84(p)(3) Fig.(s) |
| REMINDER: Specification may require revision to correspond to drawing changes. | 13. LEAD LINES. 37 CFR 1.84(q) |
| Views connected by projection lines or lead lines. | Lead lines cross each other. Fig.(s) |
| Fig.(s) | Lead lines missing. Fig.(s) |
| Partial views. 37 CFR 1.84(h)(2) | 14. NUMBERING OF SHEETS OF DRAWINGS. 37 CFR 1.48(t) |
| Brackets needed to show figure as one entity. | Sheets not numbered consecutively, and in Ababic numerals |
| Fig.(s) | beginning with number 1. Fig.(s) |
| Views not labeled separately or properly. | 15. NUMBERING OF VIEWS. 37 CFR 1.84(u) |
| Fig.(s) | Views not numbered consecutively, and in Abrabic numerals, |
| Enlarged view not labeled separately or properly. | beginning with number 1. Fig.(s) |
| Fig.(s) | 16. CORRECTIONS. 37 CFR 1.84(w) |
| | Corrections not made from PTO-948 dated |
| | 17. DESIGN DRAWINGS. 37 CFR 1.152 |
| | Surface shading shown not appropriate. Fig.(s) |
| | Solid black shading not used for color contrast. |
| | Fig.(s) |
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| COMMENTS | 1 - 1/- 1 |
| EAVED QUALITY COPIES | ARE NOT ACCEPTABLE. |
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| REVIEWER FASTER DATE | 04/ <i>24/98</i> |